

Data Sheet

VIAMI

AM/FM/NOAA Antenna Kit

Super Wideband Coverage Aerial System

The AM/FM/NOAA antenna kit is an ultra-wide range external receiving aerial with a usable frequency coverage of 30 kHz to 2 GHz (a passive splitter allows a frequency range of 100 kHz to 500 MHz) – short wave/VHF/UHF.

The aerial is designed for areas where space is a problem or when an “unobtrusive” installation is essential. The antenna assembly is a passive arrangement providing two whip elements: a long element for short wave up to 30 MHz and a second shorter loaded whip aerial for frequencies up to 2 GHz. The loading coils are tuned around 150 and 800 MHz to enhance performance of the VHF and UHF bands.

The aerial is a compact 1.8 meters in total height. A single coaxial lead feeds both whips in a weatherproof enclosure which in turn bolts to a suitable supporting mast (not provided).

Approximately 15 meters of terminated coaxial cable is supplied, ready to plug in. The antenna array connects to a passive splitter, which distributes incoming radio signals to as many as four receivers. The kit includes four lengths of cable – each 18 inches in length – to connect the splitter outputs directly to the antenna inputs. The cables feature BNC connectors on one end, and F-type connectors on the opposite end. The AM/FM/NOAA antenna kit is easy to assemble and use; an instruction sheet is supplied. V-bolts and clamps are included but a small stub mast will be required for installation, which should be as high as possible and in clear space. Run the coaxial cable to your listening location; the path should not be important but avoid power cables, TV downloads, and computers.

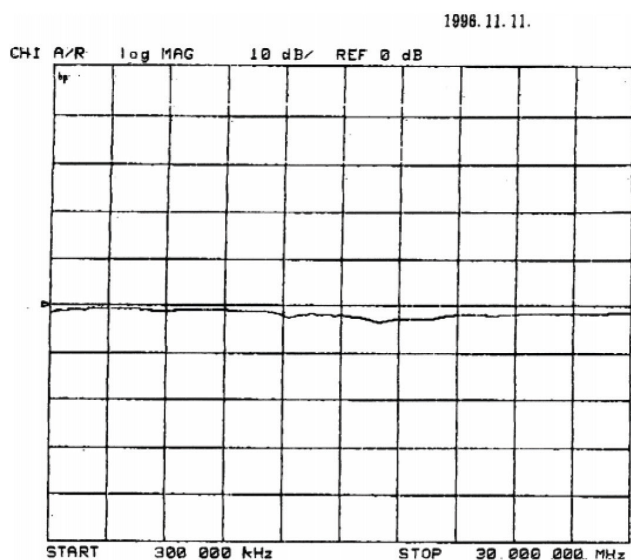
Key Features

- Complete passive system
- Superior low noise
- Free of cross/intermodulations
- Covers AM, FM, and NOAA radio bands
- Stainless steel and aluminum construction
- Equipped with low-loss coaxial cable

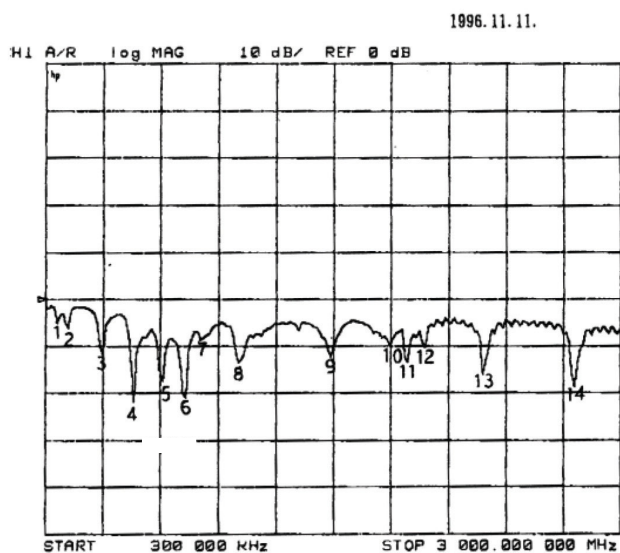
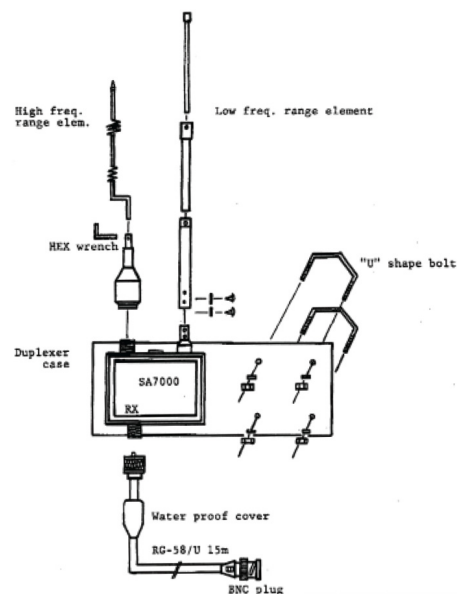


Specifications (p/n 2010830001)

Usable Frequency Range	100 kHz to 500 MHz
Impedance	50 Ω
Wind Endurance	Approximately 100 miles per hour
Acceptable Support Mast	30 to 60 mm diameter
Total Length	1.8 meters
Coaxial Cable	15 meters of quality RG-58B/U with BNC connector
Power Source	Passive (no power required)



SA7000 plot shows 300kHz - 30MHz



SA7000 plot shows 300kHz - 3GHz

General	Frequency
1	56 MHz
2	115 MHz
3	294 MHz
4	464 MHz
5	609 MHz
6	728 MHz
7	820 MHz
8	1000 MHz
9	1485 MHz
10	1800 MHz
11	1885 MHz
12	1970 MHz
13	2280 MHz
14	2764 MHz